

## EAST Search History

| Ref # | Hits    | Search Query  | DBs                  | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|----------------------|------------------|---------|------------------|
| S21 0 | 1376578 | bill\$4 charg\$4 account\$4   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:46 |
| S21 4 | 4       | S208 and S209 and (@rlad<"20000524" @ad<"20000524")   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:47 |
| S21 1 | 58      | S208 and S209 and S210  | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:47 |
| S21 2 | 61      | S208 and S209   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:52 |
| S20 8 | 813     | 455/406.ccls.   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:52 |
| S21 9 | 322     | 455/408.ccls.   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:53 |
| S21 8 | 1       | S217 and (@rlad<"20000524" @ad<"20000524")  | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:53 |
| S21 7 | 12      | S215 and S209   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:53 |
| S21 6 | 126     | S215 and (@rlad<"20000524" @ad<"20000524")  | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:53 |
| S21 5 | 240     | 455/407.ccls.   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:53 |
| S22 2 | 1827    | S209 and S210   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:54 |
| S22 1 | 4       | S220 and (@rlad<"20000524" @ad<"20000524")  | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:54 |
| S22 0 | 20      | S219 and S209   | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:54 |
| S22 4 | 530     | (sgsn sgn (support\$4 near3 node\$1)) same ((gateway\$1 near3 node\$1) ggsn gsn) same (bill\$4 charg\$4 account\$4) | US-PGPUB; USPAT; EPO | OR               | OFF     | 2006/05/04 15:55 |

## EAST Search History

|          |        |  |                              |    |     |                  |
|----------|--------|--|------------------------------|----|-----|------------------|
| S22<br>3 | 237    | S222 and (@rlad<"20000524"<br>@ad<"20000524")  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 15:55 |
| S20<br>9 | 3069   | (sgsn sgn (support\$4 near3<br>node\$1)) and ((gateway\$1 near3<br>node\$1) ggsn gsn)  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 15:55 |
| S22<br>6 | 10     | ("5583918"   "5805997"   "5905954"<br>  "6044264"   "6058412"  <br>"6366657"   "6412003"   "6438122"<br>  "6510216"   "6512756").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/04 16:05 |
| S22<br>7 | 4      | ("5754641"   "6205139"   "6295292"<br>  "6571290").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/04 16:11 |
| S22<br>8 | 3      | ("5745884"   "6389008"  <br>"6405055").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/04 16:13 |
| S22<br>9 | 10     | ("4640986"   "5103475"   "5168498"<br>  "5732127"   "5828737"  <br>"5873030"   "5875238"   "6044259"<br>  "6115600"   "6195543").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/04 16:25 |
| S23<br>2 | 18     | S231 and (@rlad<"20000524"<br>@ad<"20000524")  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 16:35 |
| S23<br>1 | 228    | (pdp near3 context\$4) same S210   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 16:35 |
| S23<br>0 | 2020   | pdp same S210  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 16:35 |
| S22<br>5 | 45     | S224 and (@rlad<"20000524"<br>@ad<"20000524")  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 16:35 |
| S23<br>5 | 210828 | (mobile\$1 wireless\$4 radio\$1<br>cellular\$1) near3 (station\$1 unit\$1<br>equipment\$1 device\$1)                                 | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 17:24 |
| S23<br>3 | 3      | S208 and (@rlad<"20000524"<br>@ad<"20000524") and pdp  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 17:25 |
| S23<br>8 | 217    | S235 same S234   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 17:38 |
| S23<br>7 | 19     | S236 and (@rlad<"20000524"<br>@ad<"20000524")  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 17:38 |
| S23<br>6 | 53     | S235 near10 S234   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/05/04 17:38 |

## EAST Search History

|          |         |  |                            |    |     |                  |
|----------|---------|--|----------------------------|----|-----|------------------|
| S24<br>2 | 8       | S241 and (@rlad<"20000524"<br>@ad<"20000524")  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:05 |
| S24<br>1 | 87      | ((charg\$4 bill\$4) near3 (id<br>identificat\$4)) and (sgsn sgn<br>(support\$4 near3 node\$1)) and<br>((gateway\$1 near3 node\$1) ggsn<br>gsn) | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:05 |
| S23<br>9 | 108     | S238 and (@rlad<"20000524"<br>@ad<"20000524")  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:05 |
| S21<br>3 | 333     | S208 and (@rlad<"20000524"<br>@ad<"20000524")  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:06 |
| S24<br>3 | 43      | S208 and (@rlad<"20000524"<br>@ad<"20000524") and S234   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:12 |
| S24<br>4 | 5       | S215 and (@rlad<"20000524"<br>@ad<"20000524") and S234   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:13 |
| S24<br>5 | 19      | S219 and (@rlad<"20000524"<br>@ad<"20000524") and S234   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:15 |
| S24<br>6 | 132     | "370"/\$.ccls. and<br>(@rlad<"20000524"<br>@ad<"20000524") and S234  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:18 |
| S23<br>4 | 4484    | (charg\$4 bill\$4) near3 (id<br>identificat\$4)  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:18 |
| S24<br>7 | 10      | "370"/\$.ccls. and<br>(@rlad<"20000524"<br>@ad<"20000524") and ((charg\$4<br>bill\$4) and S235).ab.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:20 |
| S24<br>9 | 6       | (@rlad<"20000524"<br>@ad<"20000524") and (S234 and<br>S235).ab.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:21 |
| S24<br>8 | 512     | (@rlad<"20000524"<br>@ad<"20000524") and ((charg\$4<br>bill\$4) and S235).ab.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/04 18:21 |
| S25<br>2 | 1376578 | bill\$4 charg\$4 account\$4  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 11:22 |
| S25<br>1 | 210828  | (mobile\$1 wireless\$4 radio\$1<br>cellular\$1) near3 (station\$1 unit\$1<br>equipment\$1 device\$1)   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 11:22 |
| S25<br>0 | 4406    | 370/352.cccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 11:22 |

## EAST Search History

|          |         |  |                            |    |     |                  |
|----------|---------|--|----------------------------|----|-----|------------------|
| S24<br>0 | 89      | S239 not S237  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 11:22 |
| S25<br>5 | 138     | S250 and S251 and S252 and S253  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 11:23 |
| S25<br>4 | 816     | S250 and S251 and S252   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 11:23 |
| S25<br>3 | 3069    | (sgsn sgn (support\$4 near3 node\$1)) and ((gateway\$1 near3 node\$1) ggsn gsn)                | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 11:23 |
| S25<br>9 | 3069    | (sgsn sgn (support\$4 near3 node\$1)) and ((gateway\$1 near3 node\$1) ggsn gsn)                | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 15:03 |
| S25<br>8 | 1376578 | bill\$4 charg\$4 account\$4  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 15:03 |
| S25<br>7 | 210828  | (mobile\$1 wireless\$4 radio\$1 cellular\$1) near3 (station\$1 unit\$1 equipment\$1 device\$1) | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 15:03 |
| S25<br>6 | 4406    | 370/352.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 15:04 |
| S26<br>1 | 2591    | 370/338.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 15:35 |
| S26<br>0 | 138     | S256 and S257 and S258 and S259  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 15:35 |
| S26<br>4 | 11      | S263 and S257 and S258 and S259  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 16:15 |
| S26<br>3 | 1384    | 370/400.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 16:15 |
| S26<br>2 | 132     | S261 and S257 and S258 and S259  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 16:15 |
| S26<br>6 | 1476    | 370/349.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 16:39 |
| S26<br>5 | 120     | S263 and S257 and S258   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 16:39 |

## EAST Search History

|          |      |                        |                            |    |     |                  |
|----------|------|------------------------|----------------------------|----|-----|------------------|
| S26<br>7 | 380  | S266 and S257 and S258 | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:03 |
| S26<br>8 | 586  | 370/356.ccls.          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:04 |
| S26<br>9 | 94   | S268 and S257 and S258 | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:11 |
| S27<br>2 | 813  | 455/406.ccls.          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:26 |
| S27<br>1 | 380  | S270 and S257 and S258 | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:26 |
| S27<br>0 | 1476 | 370/349.ccls.          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:26 |
| S27<br>3 | 132  | S262 and S257 and S258 | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:27 |
| S27<br>5 | 240  | 455/407.ccls.          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:32 |
| S27<br>6 | 322  | 455/408.ccls.          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:39 |
| S27<br>8 | 439  | 455/415.ccls.          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:50 |
| S27<br>7 | 75   | 455/409.ccls.          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:50 |
| S28<br>1 | 1    | ("6463275").PN.        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:56 |
| S28<br>0 | 813  | S279 and S258          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:56 |
| S27<br>4 | 132  | S262 and S258          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 17:56 |
| S28<br>2 | 140  | 379/114.28.ccls.       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 18:11 |

## EAST Search History

|          |        |  |                            |    |     |                  |
|----------|--------|--|----------------------------|----|-----|------------------|
| S27<br>9 | 1610   | 455/445.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 18:11 |
| S28<br>3 | 41     | 379/114.29.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 18:20 |
| S28<br>4 | 206    | 379/126.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 18:27 |
| S28<br>6 | 5      | 379/127.04.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 18:38 |
| S28<br>5 | 199    | 379/127.01.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/05/05 18:38 |
| L3       | 253    | L1 and L2  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:26 |
| L2       | 3003   | (sgsn (servic\$4 near3 node\$1)) and<br>(ggsn (gateway\$1 near3 node\$1))<br>and (internet (packet near3<br>network\$1)) | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:26 |
| L1       | 4512   | 370/352.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:26 |
| L8       | 134    | L7 and L4 and L5 and L6  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:30 |
| L7       | 2680   | 370/338.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:30 |
| L6       | 3158   | (sgsn sgn (support\$4 near3<br>node\$1)) and ((gateway\$1 near3<br>node\$1) ggsn gsn)                                    | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:30 |
| L4       | 214683 | (mobile\$1 wireless\$4 radio\$1<br>cellular\$1) near3 (station\$1 unit\$1<br>equipment\$1 device\$1)                     | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:30 |
| L10      | 121    | L9 and L4 and L5   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:36 |
| L9       | 1404   | 370/400.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:36 |
| L11      | 1491   | 370/349.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:37 |

## EAST Search History

|     |     |                         |                            |    |     |                  |
|-----|-----|-------------------------|----------------------------|----|-----|------------------|
| L14 | 69  | HURTTA-TUIJA.in.        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:38 |
| L13 | 1   | FACCINN-STEFANO.in.     | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:38 |
| L12 | 382 | L11 and L4 and L5       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:38 |
| L17 | 317 | BERTENYI, BALAZS.in.    | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:42 |
| L16 | 35  | 15 and 6                | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:42 |
| L15 | 38  | HURTTA-TUIJA.in. and 5  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:42 |
| L20 | 99  | L19 and L4 and L5       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:43 |
| L19 | 608 | 370/356.ccls.           | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:43 |
| L22 | 3   | IVANOV-NEDKO.in.        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:44 |
| L21 | 134 | L8 and L4 and L5        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:44 |
| L25 | 22  | 24 and 6 and 5          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:45 |
| L24 | 44  | KOSKINEN-JUHA-PEKKA.in. | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:45 |
| L23 | 6   | HONKO-HARRI.in.         | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:45 |
| L18 | 6   | 17 and 6 and 5          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:45 |
| L26 | 833 | 455/406.ccls.           | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:52 |

## EAST Search History

|     |         |                                     |                            |    |     |                  |
|-----|---------|-------------------------------------|----------------------------|----|-----|------------------|
| L30 | 666246  | (bill\$4 charg\$4 account\$4).bsum. | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:53 |
| L28 | 61      | 26 and 5 and 6                      | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:53 |
| L5  | 1390405 | bill\$4 charg\$4 account\$4         | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:53 |
| L32 | 245     | 455/407.ccls.                       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:54 |
| L31 | 716     | 26 and 30-                          | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:54 |
| L29 | 716     | 26 and 5.bsum.                      | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:54 |
| L36 | 1639    | 455/445.ccls.                       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:57 |
| L35 | 450     | 455/415.ccls.                       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:57 |
| L34 | 76      | 455/409.ccls.                       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:57 |
| L33 | 331     | 455/408.ccls.                       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:57 |
| L27 | 801     | 26 and 5                            | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:57 |
| L39 | 20      | VALLINEN-JUHA.in.                   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:58 |
| L38 | 63      | 36 and 5 and 6                      | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:58 |
| L37 | 826     | 36 and 5                            | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:58 |
| L43 | 143     | 379/114.28.ccls.                    | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:59 |

## EAST Search History

|     |     |                            |                            |    |     |                  |
|-----|-----|----------------------------|----------------------------|----|-----|------------------|
| L42 | 60  | nokia.as. and 5.clm. and 6 | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:59 |
| L41 | 418 | nokia.as. and 5.clm.       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:59 |
| L40 | 4   | HOPEAHARJU-MERJA.in.       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 10:59 |
| L47 | 5   | 379/127.04.ccls.           | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 11:01 |
| L46 | 199 | 379/127.01.ccls.           | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 11:01 |
| L45 | 210 | 379/126.ccls.              | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 11:01 |
| L44 | 43  | 379/114.29.ccls.           | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 11:01 |